(044)361-05-06
(067)469-02-12
(099)048-99-03
(093)672-77-76
ICQ:495-089-192
ICQ:613-211-859

User's Manual

Car Alarm Python 574 Responder LC3 SST (5704P) Two Way with Remote Engine Start

In the online store Winauto you also can buy car alarm remote engine starter Python 574 Responder LC3 SST (5704P). Delivery in Kyiv and throughout Ukraine with payment upon receipt!

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OWNER'S GUIDE

MODEL

574

RESPONDER LC3

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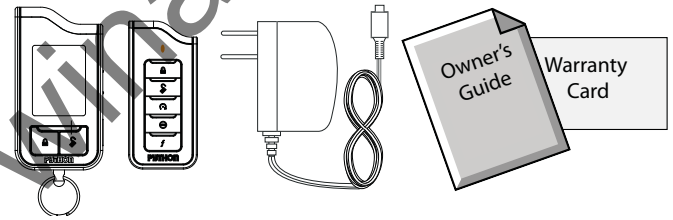
Congratulations

Congratulations on the purchase of your state-of-the-art security and remote start system. Reading this Owner's Guide prior to using your system will help maximize the use of your system and its many features. Please visit: www.pythoncarsecurity.com – For general and additional guide information. For any additional questions please contact your authorized Directed dealer or contact Directed at 1-800-753-0600.

What you get

Welcome to the best generation of security with remote start. Your system contains everything you need.

- Responder LC remote control with SST technology for superior range and reliability
- 1-way Companion remote control
- AC adapter for charging your remote control
- Owner's guide and Warranty card



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Important information

Government Regulations and Safety information

Read the *Government Regulations* and *Warning! Safety First* sections of this manual prior to operating this system.

Warning! Failure to heed this information can result in death, personal injury or property damage and may also result in the illegal use of the system beyond its intended purpose.

Your Warranty

Your Responder LC system comes with a warranty. Please make sure you receive the warranty registration card and proof of purchase from your dealer indicating the product was installed by an authorized Directed dealer. Please validate it online at **www.prodregister.com/directed** or complete and return the warranty registration card.

Replacement remote controls

If additional remote controls are desired, please see your authorized dealer or visit us at **www.directedstore.com** to order. Part numbers are: 7752P for Responder LC 2-way remote control and 7652P for the companion remote control. Your system can also be used with optional Responder HD color 2-way remote control (7941P).

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Getting Started

Your Responder LC remote is powered by an internal rechargeable battery that can only be serviced by an authorized Directed dealer. Due to transit and storage time prior to your purchase, the battery charge may have depleted. To ensure proper operation, check the battery level and connect the battery charger if not fully charged. See *"Battery Information (Responder LC)" on page 49* and *"Status Screen Icons" on page 8* for more information about the battery.

Charging the remote control:

1. Plug the AC adapter into a 110V AC outlet. Insert the mini-USB connector into the mini-USB port located on the side of the remote control (see diagram under *Responder LC 2-way*). The text field will display **CHARGE** to indicate the remote control is charging (The remote remains operational while charging and can command the system).
2. Once fully charged the text field will display **FULL**.
3. The remote control is then ready for use. Disconnect the mini-USB end from the remote control first and then the AC adapter from the AC outlet.

Note	If the battery is excessively depleted when the charger is connected, functionality may be delayed while it charges to the minimum voltage required to operate the display, after which normal charging resumes.

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Keys to using this manual

Specific actions (in bold type) and style conventions are used consistently throughout this manual, they are as follows:

- **Press:** implies pushing in and releasing a button.
- **Hold:** is used after Press actions when a button needs to be held in position for an extended period of time, typically several seconds.
- **ARMED** this style denotes the text which appears in the text field portion of the Display during operations described in the manual. If the text string is too long for the text field, it then plays and loops sequentially word by word.
- *Italicized* words denote section/sub headings in this guide and can be located through the table of contents.
- An asterisk (*) when used after a word or phrase denotes that additional details can be found in related sections usually noted at the bottom of the page or end of the section.

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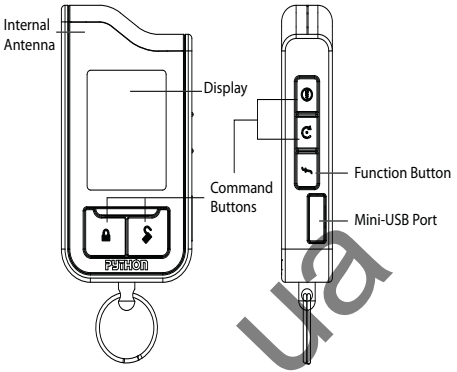
Responder LC 2-Way



Feature	Description
Internal Antenna	Used for transmitting and receiving information
Display	Status screen - the upper portion of the display contains status icons for the System, Siren, Alarm zones, Remote Start and Remote Control. Text field - the lower portion of display - shows the Clock, Runtime or Temperature during Remote Start, as well as Command confirmations, Page messages and programming menus
Command buttons (4)	Used to perform arming, disarming, auxiliary channel and remote start commands
Function button	Used to access function levels for commands, configuration menus for programming, Car Selection, and to request reports.
Mini-USB Port	The battery charger plugs into this port.

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Control Center

The Control Center, typically located on the upper part of the front windshield sends and receives commands or messages to and from your system. It consists of:

- The In-vehicle system antenna, for 2 way communication.
- The Status LED, as a visual indicator of the system's status.
- The Control button, for placing the system into Valet Mode* and to perform the Emergency Override** operation.

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* See *"Remote and System Operations" on page 40* for details.
** See *"Alarm Features" on page 30* for details.

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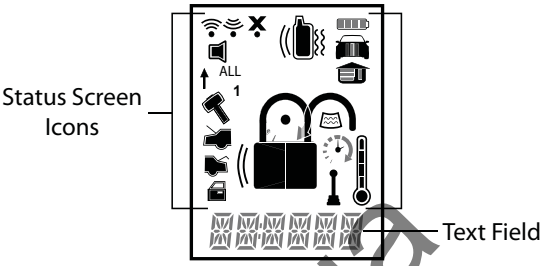
Status Screen Icons



The table below describes all the status screen icons.

	Icon	Description
System Status		**Armed:** The system is Armed, the alarm is enabled.
		Locked: The system is Locked in Valet, the alarm is disabled.
		Disarmed: The system is Disarmed, the alarm is disabled.
		Unlocked: The system is Unlocked in Valet, the alarm is disabled.
Siren Status		Siren is disabled for sensor triggers; remote is paged for all triggers (Sensor Silent Arm).
	+ ALL	Siren is disabled for all triggers; remote is paged for all triggers (Full Silent Arm).
Remote Start		Remote start is active, the engine is running.
		Timer Start is On; Remote Start is On. **Note:** When the icon is without an arrow head: Timer Start is enabled: Remote Start is Off

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	Icon	Description
Remote Start		Smart Start is On; Remote Start is On. **Note:** When the icon is without an arrow head: Smart Start is On; Remote Start is Off.
		Manual Transmission Start mode is enabled, the engine can be started
		Displays the vehicle interior temperature
		On during Remote Start after performing the Defogger On command
Zone Status		On during Warn-away and Full Trigger message output
		On during Trunk Zone Full Trigger output and Aux/Trunk channel activation
		On during Fault Report to indicate the Trunk is open and bypassed when arming
		On during a Sensor Zone Full Trigger output
		On during Fault Report to indicate a Sensor is active and bypassed when arming
		On during the Door Zone Full Trigger output
		On during Fault Report to indicate a Door is open and bypassed when arming
		On during a Hood Zone Full Trigger output
		On during Fault Report to indicate the Hood is open and bypassed when arming
		On when remote is set to command the system programmed as Car 1*
		On when remote is set to command the system programmed as Car 2*

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	Icon	Description
Remote Control Status		Bars indicate battery level is Full, ¾,½,¼ or Empty
		On while the remote control is transmitting a command
		On while the remote control is receiving a message
		On with Out of Range fault tone to indicate the remote failed to receive a command confirmation
		Pager on: The remote will wake up to listen for messages
		Pager off: The remote will not wake up to listen for messages
		The remote will Vibrate when messages are received
		The remote will emit Beeps and Tones when messages are received
	Text field	Displays the Clock, Runtime, Temperature, message text and feature menus
		On after the Garage Open** message has been received.
		On after the Garage Closed** message has been received.

* This icon not present until the Car 2 is turned on in the Setup Remote configuration menu.

** This icon not present until the remote is paired with an optional garage door opener.

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Using your System

Commands and Confirmations

Commands, Basic or Advanced, are used to activate system features and are performed by pressing one of the Command buttons. Basic commands control the most often used security and remote start features while Advanced commands control more specialized features and request reports.

Confirmations for Basic or Advanced commands are indicated first by siren chirps and parking light flashes, and then by Text, Icons and beeps or tones on the remote control. A description of each feature confirmation is found in the following Basic command and Advanced command sections.

Performing Commands

Perform Basic commands by pressing one of the command buttons while in the Direct Access level. Direct access is available while the text field displays the Clock, Temperature or Runtime. Perform Advanced commands by first accessing one of the Function Levels and then pressing one of the command buttons while within a level. Function Levels are available when the text field displays LEVEL 1,2,3 or 4.

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Advanced command example: Silent Arm

1. **Press** the *f* button once to access Function Level 1, the text field will display **LEVEL 1** .
2. **Press** the 🔒 button while **LEVEL 1** text is still on to perform the Silent Arm command.
3. The Responder LC remote will display **SILENT ARMED** in the text field and update the status screen icons.

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Responder LC Command table

Level / Button	Direct Access	f x 1 LEVEL 1	f x 2 LEVEL 2	f x 3 LEVEL 3	f x 4 LEVEL 4
🔒	Arm/Lock (Panic)	Silent Arm	Sensor Bypass	Sensor Silent Arm	Full Silent Arm
🔓	Disarm/Unlock	Silent Disarm	Remote Valet	Car Finder	
	Remote Start	Runtime Reset	Timer Start	Smart Start	Defogger
AUX	Aux/Trunk	AUX 1	AUX 2	AUX 3	AUX 4
f	Advance Level Change Car (3s), Enter programming (8s)	Temperature Check	Runtime Remaining	Alarm Report	

Fault Condition Alerts

If, when performing a command, a condition exists that does not allow activation of an Alarm feature* or Remote Start feature**, the **NOT AVAILABLE** or **REMOTE START ERROR** text and a fault tone will play.

* Alarm feature not available when the system status is incorrect upon receiving the command. (Example: Sensor bypass command is received when disarmed).
Refer to the notes included in the following command descriptions that address these faults or go to *"Feature not Available" on page 42* for more details.

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** Remote Start feature not available when the Remote Start status is incorrect upon receiving the command. (Example: Runtime reset command received when remote start is off)
Refer to the notes included in the command descriptions that address these faults or go to *"Remote Start Error" on page 39* for more details.

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Basic Commands (Direct Access)

Arm

Press and release

The alarm arms, doors lock (if connected), and the siren chirps and parking lights flash once. The **ARMED** text and beeps play to confirm and the System Status Icons update. If Valet mode* is On, the doors lock and the **VALET** text and tone play. Exit Valet mode to arm the alarm normally.

If a trigger zone fault is detected the siren chirps once again and the Trigger Zone Fault report** plays.

To Arm and Panic

Press and hold

The alarm Arms (or Locks in Valet) and, after 2 seconds, sounds the siren and flashes the parking lights. The **PANIC** text and siren tones play to confirm. Press the or button to stop the output.

Disarm

Press and release

The alarm disarms, doors unlock (if connected), and the siren chirps and parking lights flash twice. The **DISARM** text and beeps play to confirm and the system status icons update. If Valet mode* is On, the doors unlock and the **VALET** text and tone play.

More than 2 siren chirps and remote beeps indicate a trigger has occurred. The **DISARM** text is replaced by the Alarm report.**

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AUX/Trunk

Press and hold (AUX)

The Trunk opens (if connected) when this button is pressed for 2 seconds. The **TRUNK** text and tones play to confirm.

Remote Start

Press and release

Activates (or if On, deactivates) the remote starter. The engine and parking lights turn On and the **REMOTE START ON** text and tones play, or the engine and parking lights turn Off and the **REMOTE START OFF** text and tones play to confirm, the Remote Start status icons update. The icon will display in the status screen and the text field will display the Runtime, Temperature or Clock as programmed. If Remote Start fails to activate, **REMOTE START ERROR** text and a fault tone play while the parking lights flash to identify the reason.***

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* See *"Remote and System Operations" on page 40* for details.
** See *"Alarm Features" on page 30* for details.
*** See *"Remote Start Error" on page 39* for details.
For Manual transmission vehicles see *"Manual Transmission Start (MTS mode)" on page 37* for more details.

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Advanced Commands: (Level 1)

Press and release the *f* button 1 time.

Silent Arm

Press and release

The alarm arms, doors lock (if connected), and the parking lights flash once. The **SILENT ARMED** text plays to confirm and the System Status icons update. Valet mode* or Trigger Zone Fault report** messages may be received.

Silent Disarm

Press and release

The alarm disarms, doors unlock (if connected), and the parking lights flash twice. The **SILENT DISARM** text plays to confirm and the System Status icons update. The Alarm report** may replace the Silent Disarm text.

AUX 1

Press and release (AUX)

Activates (or if On, deactivates) the Aux 1 output. The **AUX CHANNEL** text and On tones or Off tones play to confirm.

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Runtime Reset

Press and release

If more time is needed while remote start is active, runtime reset will reset the runtime counter to the pre-programmed setting. The **RUNTIME** text and tones play to confirm. The text field will update if set to display runtime.

Note	Remote Start must be On to use this feature.

Temp Request

Press and **hold** the *f* button

Requests the vehicle's interior temperature and temporarily displays it via status screen icon and text field.

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* See *"Remote and System Operations" on page 40* for details.
** See *"Alarm Features" on page 30* for details.

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Advanced Commands: (Level 2)

Press and release the *f* button 2 times.

Sensor Bypass

Press and release

The parking lights flash each time this command is received to indicate the Sensor bypass type. 2 flashes indicates sensor Warn-away zones are bypassed. **BYPASS WARN**, 1 beep and 1 fault tone play to confirm. 3 flashes indicates sensor Warn-away and Full Trigger zones are bypassed. **BYPASS FULL**, 1 beep and 2 fault tone play to confirm. 1 flash indicates sensor bypass is Off, **BYPASS OFF** and 1beep play to confirm..

Note	System needs to be armed to perform Sensor Bypass. Perform arm command any time to turn Sensor Bypass Off.

Remote Valet

Press and release

Enters (or if On, exits) Valet Mode. The **VALET** text and beeps (1 for On, 2 for Off) play to confirm and the System Status icons update. See *Valet Mode* for more details

AUX 2

Press and release (AUX)

Activates (or if On, deactivates) the Aux 2 output. The **AUX CHANNEL** text and On tones or Off tones play to confirm.

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Timer Start*

Press and release

Activates (or if On, deactivates) Timer Start. The parking lights flash quickly four times for On and slowly four times for Off. The **TIMER START ON** or **TIMER START OFF** text and beeps play to confirm and the Remote start status icons update.

Note	System needs to be armed or Timer Start will not start the engine.

Runtime Remaining

Press and **hold** the *f* button

Requests the remaining Remote start runtime and temporarily displays it in the text field.

Note	Remote Start must be On to use this feature.

* See *"Advanced Start" on page 35* for more details.

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Advanced Commands: (Level 3)

Press and release the *f* button 3 times.

Sensor Silent Arm*

Press and release

The alarm arms, doors lock, the siren chirps and parking lights flash 3 times. The **SENSOR SILENT ARM** text and beeps play to confirm and the System and Siren Status icons update.

Car finder

Press and release

The siren emits one long chirp and the parking lights flash for 10 seconds. The **CAR FINDER** text and beeps play to confirm. The parking light flashes stop if armed or disarmed while Car Finder is in progress.

AUX 3

Press and release (AUX)

Activates (or if On, deactivates) the Aux 3 output. The **AUX CHANNEL** text and On tones or Off tones play to confirm.

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Smart Start**

Press and release

Activates (or if On, deactivates) Smart Start. The parking lights flash quickly five times for On and slowly five times for Off. The **SMART START ON** or **SMART START OFF** text and beeps play to confirm and the Remote start status icons update.

Note	System needs to be armed or Smart Start will not start the engine.

Alarm Report*

Press and hold the button

Requests a report of the most recent triggers and temporarily displays it in the text field. The report clears when the ignition is turned on.

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* See *"Alarm Features" on page 30* for more details.
** See *"Advanced Start" on page 35* for more details.

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Advanced Commands: (Level 4)

Press and release the *f* button 4 times.

Full Silent Arm*

Press and release

The alarm arms, doors lock, and the siren chirps and parking lights flash 4 times. The **FULL SILENT ARM** text and beeps play to confirm and the System and Siren Status icons update.

AUX 4

Press and release (AUX)

Activates (or if On, deactivates) the Aux 4 output. The **AUX CHANNEL** text and On tones or Off tones play to confirm.

Defogger**

Press and release

Activates the vehicle Defogger circuit (if connected) while Remote Start is activated. The **DEFOG ON** text and beeps play to confirm and the Remote Start status icons update. For convenience, the Defogger circuit will also automatically activate 10 seconds after remote starting if the temperature is below 55°F.

Note	Remote Start must be active to use this feature.

* See *"Alarm Features" on page 30* for more details.
** This feature must be installed and turned on by an authorized Directed dealer.

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Responder LC Configuration

Operations of the Responder LC and how it communicates messages are set in the configuration Main Menu.

Navigating menus and options

Navigating menus and features, changing options, and exiting are performed using the remote control buttons. The following instructions discuss how to access and configure the settings.

Button operation

- To **access** menus, **set** options, and to **perform** actions that are displayed in the text field, use the ƒ button.
- To **scroll** the menu lists in the text field use the AUX & buttons.
- To **exit** configuration, use the or buttons.

Access menu items

1. **Press** and **hold** the ƒ button for 8 seconds, the remote will beep once, **MAIN MENU** is displayed. (If Car 2 is on, ignore the Car Select text and beep after 3 seconds).
2. **Release** the ƒ button to display the Main Menu item list, **SETUP REMOTE** is displayed.
3. The Main Menu has been accessed and configuring can begin. Use the following process to view the Main Menu features, options and settings in the text field. The following actions are commonly used throughout the configuration operation.
   - **Press** the AUX or buttons to change the feature or option that is displayed in the text field.
   - **Press** the ƒ button to choose the feature in the text field and view its options. Press it when the desired feature or option is in the text field to set it as the new setting.

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Main Menu

The following Main Menu list of features is available for configuration of the remote control.

Setup Remote menu:

Keypad Lock

Options: **OFF** , **AUTO**

When **OFF** , the buttons do not lock and always perform a command when pressed. When set to **AUTO** , the remote buttons lock after a 20 second lapse between buttons presses to prevent unintentional operations. If a button is pressed when locked a fault tone plays as an alert followed by unlock instructions in the text field.
To unlock the buttons, press the *f* button followed by the button. The unlock tones play and **READY** is displayed in the text field, a command can now be performed.

Auto unlocking

After turning the ignition off, a message to the remote will unlock the keypad buttons the next command is performed. If Auto Unlocking is not desired this message can be turned off by an authorized Directed Dealer.

Page Mode

Options: **POWER SAVE** , **OFF** , **ON**

Paging is how the Responder LC remote monitors your system's messages. **POWER SAVE** extends battery life by turning Paging

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Off after 72 hours if the remote control is not used during this period. Just press any button to resume system monitoring. When set to **ON** it wakes up every few seconds to listen for pages from the system. When set to **OFF** it does not wake up to receive remote start or alarm trigger pages.

Note: When **OFF**, responses are still received when a command is performed but alarm trigger pages will not be received.

Page Alert

Options: **TONE VIBE**, **TONE**, **VIBE**, **SCREEN ONLY**

There are several ways for the Responder LC to alert you when it has received a message from the system.
TONE VIBE will alert by both emitting tones and vibrating the remote. Select **TONE** to be alerted by tones that are unique for each message. Select **VIBE** and the Responder LC will silently alert you with a gentle vibration, or select **SCREEN ONLY** when you don't want to be interrupted.

Remote Start Info

Options: **RUNTIME**, **TEMP**, **CLOCK**

The text field can be set to display the information you prefer during remote start. **RUNTIME**: Remote Start Runtime, **TEMP**: vehicle interior Temperature, or the **CLOCK** will be displayed in the text field while Remote Start is on.

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Runtime Alert

Options: **ON** , **OFF**

The main unit will send a page to alert you when the runtime is about to expire. When set to **ON** , an alert is generated when the Remote Start Time-out message is received. When **OFF** , no alert output is emitted for the message.

Car 2

Options: **OFF** , **ON** , **HOME**

This remote can control two systems independently. When set to **OFF** , the Car2 select option is not available. When set to **ON** the remote can be set to control 2 systems. The **HOME** option is for pairing to a home security system.

Screen Color

Options: **OFF** , **WHITE** , **LT GRN** , **VIOLET** , **AQUA** , **RED** , **GREEN** , **BLUE**

The status screen backlighting can be **OFF** , or will illuminate with a selected color during output when set to one of the option colors.

Temp Unit

Options: **F** , **C**

Temperature can be displayed in your choice of temperature scales, **F**ahrenheit or **C**elsius.

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Button Beep

Options: **ON** , **OFF**

When set to **ON** , the remote will emit a beep as confirmation of a button press. When set to **OFF** , beeps are not emitted for button presses.

System Type

Options: **SEC** , **RKE**

Selects the type of system, namely; Security or Remote Keyless Entry to which the remote has been paired, and adjusts the text and main menu accordingly. This has been pre-set by the factory for your system.

Clock Set

Options: **HOUR** , **MIN**

Review

Displays firmware version

Exit

Exits and returns to the main menu

Sensor Adjust:

If you feel your security system shock sensor is too sensitive or not sensitive enough, it is highly recommended that you contact your authorized Directed dealer/professional and have the sensor adjusted for optimized security detection performance.

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Pair Remote:

Remote Pair is a process where the Responder LC and the system in the vehicle learn each others encrypted identification, securing their communication from intruders. Please note that your remote controls come pre-programmed from the factory.

Prepare the vehicle system to be Paired with a new remote

1. **Open** at least one of the vehicle's doors.
2. **Turn** the key to the On position.
3. Within 5 seconds **press** and release 1 time the Control button on the Control Center.
4. Within 5 seconds, **press** and **hold** the Control button. The status LED will flash one time and the siren will chirp once to confirm the system is ready for remote pairing.
5. **Release** the Control button and proceed below.

Note: If pairing does not result within 60 seconds, the system will exit and the siren will chirp.

Prepare the new remote to be Paired with the system

1. Make sure the remote control is set for the desired Car 1 or Car 2 operation.
2. Perform the steps under *Access menu items* section to access the Pair Remote mode.
3. When the remote beeps 3 times and **PAIR** is displayed the remote is ready to pair.
4. **Press** and **hold** the button, the siren will chirp once and the remote will emit several tones to confirm successful pairing. **SUCCESS** is displayed and the remote returns to the main menu.

Note: **FAILED** will be displayed and the remote will stay in the pair mode in case of an unsuccessful pairing. Check the system status and try again.

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Demo mode:

Demo Mode plays a pre-selected group of animations as a demonstration tool to show friends or family. Running Demo mode shortens the battery life over time if used excessively

- **SINGLE SILENT** : The remote will display a selection of icons on the status screen without beeps and tones then stop
- **SINGLE SOUND** : The remote will display a selection of icons on the status screen with beeps and tones then stop
- **LOOP SILENT** : The remote will display a selection of icons on the status screen without beeps and tones in an endless loop until the battery charger is disconnected.
- **LOOP SOUND** : The remote will display a selection of icons on the status screen with beeps and tones in an endless loop until the battery charger is disconnected.

Note: Loop Silent and Loop Sound are not available and will not appear in the Demo Mode menu unless the battery charger is connected.

Power Off:

When an extended period of non-operation is anticipated, turning the power off will preserve the battery charge. Press the ƒ button while **POWER OFF** is displayed. The status screen icons clear as the power off tones play, the remote is turned off.

To turn the remote on, Press and hold the ƒ button for 3 seconds, the status screen icons refresh as the power on tones play. The remote also turns itself on and begins charging when the battery charger is connected.

Exit:

To return to normal operation, press the ƒ button while EXIT is displayed

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Alarm Features

Normal Arm Protection

Status LED: The Control Center Status LED flashes as a visual indicator that your vehicle's security system is active.

Starter Kill: The Failsafe starter kill relay prevents the engine from starting

Note	May require additional parts and installation

Sensor triggers: The onboard shock sensor can distinguish minor impacts from major impacts to the vehicle exterior. Minor impacts causes the system to emit a Warn-away output by chirping the siren and flashing the parking lights for 3 seconds. Major impacts caused for example by a forcible entry attempt, results in a Full Trigger output. The siren sounds and the parking lights flash for 30 seconds or longer. Both Warn-away and Full Triggers send a message to the remote control.

Point of entry triggers: Opening the hood or trunk causes a Full Trigger output, while opening a Door or turning on the Ignition causes the the siren to chirp 3 seconds before beginning the Full Trigger output. This 3 second delay allows time to disarm and silence the siren in case of accidental trigger. The Full Trigger message is still sent to the remote.

Sensor Silent Arm protection

Sensor Warn-away and Sensor Full Trigger activations only send messages to the remote, while the parking light flash and siren outputs are defeated. Point of entry triggers will activate the parking light flash, siren, and send messages normally.

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Full Silent Arm Protection

Sensor Warn-away, Sensor Full Trigger and Point of Entry activations will only send messages to the remote, with parking light flash and siren outputs defeated.

Sensor Warn-away Messages

When the remote receives a Sensor Warn-away message it emits 10 beeps (if on) and displays a sensor zone specific **SENSOR WARN** text for 30 seconds. Warn-away messages cannot be reviewed or displayed in reports.

Full Trigger Messages

A Full Trigger message generates a Full Trigger output of siren tones and zone specific **TRIGGER** text followed by an alert that consists of 1 long beep per minute for 10 minutes.

To stop the output and alert, **press** a command button to perform a command, or **Press** the *f* button.

Emergency Override

The following procedure disarms the system when a programmed remote is not available. Number of presses_____

1. **Turn** the ignition On.
2. **Press** the control button on the Control Center the correct number of times (the default is 1 press).
3. After a few seconds the siren output ceases and the system is disarmed.

Note	As a precaution, if programmed for Passive Arming or Auto re-arming the system should be placed into Valet Mode until a remote is available .

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Trigger Zone Fault Report

When armed by remote command the system runs a status check of the alarm trigger zones. Faulty zones (usually caused by dome light delay or open trunk) are bypassed and reported via the control center LED and remote, while all other trigger zones remain active and are monitored to protect the vehicle. Should a faulty zone self correct (dome light turns off) it becomes active and is then monitored normally.

The siren chirps once again a few seconds following the arming chirps as an audible alert, the control center LED flashes in groups to indicate the zone number. The remote will emit a single fault tone and play zone specific text that identifies the faulty zones.

Alarm Report when disarming

The most recent alarm triggers (if any) are reported when the alarm is disarmed via the remote control, siren chirps, parking light and control center LED flashes. The siren chirps 4 times (or 5 times if NPC On*), the parking lights flash 3 times, and the control center LED flashes in groups to indicate the last two zones that were triggered (see Table of Zones). The **DISARM** text is replaced by **ALARM REPORT** and text identifying the triggers.

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* See *"Nuisance Prevention (NPC)" on page 33* for more details.

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Table of Zones	
Zone # (led flashes)	Zone Name
1	Trunk
2	Shock Sensor
3	Door
4	Sensor 2
5	Ignition
6	Hood

Alarm Report when requested

The Alarm Report displays the two most recent alarm triggers depending on the system state when requested. When disarmed, the report will display text to identify the two most recent triggers since the vehicle was last driven. When armed, the report will display text to identify the two most recent triggers since the system was armed.

Note	The Alarm Report clears when ignition is turned on.

Nuisance Prevention (NPC)

NPC monitors all alarm zones and, if any are triggered excessively, bypasses them until corrected. If a point of entry (trunk, hood, door) is left open following a forced entry, it is bypassed. It becomes active again only after being closed.

Bypassed sensors automatically reset after one hour and after the vehicle is driven. Disarming then re-arming the alarm does not reset bypassed sensors.

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Remote Start Features

Pit Stop Mode

To exit vehicle with engine running

The system keeps the engine running during short trips into the house or convenience store. To perform Pit Stop:

1. With the engine running, **set** the parking brake and **release** the foot brake.
2. **Press** the button, the parking lights will turn on and the **REMOTE START ON** message will play on the remote control.
3. **Turn** the key to off, and **remove** it from the ignition, the engine continues running for the programmed runtime.
4. **Exit** the vehicle and **arm** the alarm.

Note	For Pit Stop on manual transmission vehicles follow the directions in the *Manual Transmission Start* (MTS mode) section.

Key Takeover

When you are ready to drive

The system keeps the engine running until the vehicle is ready to be driven. To perform Key Takeover:

1. **Disarm** the system and **enter** the vehicle, do not step on the foot brake.
2. **Insert** the key, **turn** it to the run position, and then **step** on the foot brake, the remote start then turns off.
3. The parking lights turn off to indicate remote start is off, and

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then after a few seconds the remote plays the **REMOTE START OFF** message.

4. The vehicle is ready to drive.

Remote Start Safe-lock

Remote start safe-lock makes sure the doors are locked while the engine is running and after, even if they are unlocked when remote start is activated. Door locks may require additional parts and labor.

Disabling Remote Start

Remote start can be disabled by moving the Toggle Switch to the Off position. If remote start is attempted while Off, the engine will not start. (See *"Remote Start Error" on page 39*) move the switch back to the On position to resume normal operation.

Advanced Start

The Advanced start features Timer Start and Smart Start will automatically start the engine to maintain battery charge or combat extreme cold when parked for an extended period of time.

Precautions for the Advanced Start features:

- Park the vehicle in a well ventilated area away from windows and doors that lead into inhabited spaces.
- Arm and Lock the vehicle, the engine will not start unless the doors are locked.
- Only one Advanced start feature can be enabled at any given time.
- For manual transmission vehicles MTS mode must be enabled before Timer Start or Smart Start can be activated.

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Timer Start operation

Activation begins a countdown timer as set by the installer (default 3 hours). When the timer expires the engine starts and the **REMOTE START ON** message is sent to the remote control. When the Remote start runtime expires the engine shuts off, the **REMOTE START OFF** message is sent to the remote control and the countdown timer restarts. This will repeat as many times as set by the installer (default 6 starts). Timer Start is exited after the final start.

Smart Start operation

Smart Start uses the settings for Timer Start in addition to temperature and battery level to automatically start the engine. Activation begins the countdown timer. When the timer expires the vehicle interior temperature and battery level is checked and, if the Temperature is above 100F, below 0F, or the battery level is below 10.5v, the engine will start and the **REMOTE START ON** message will be sent to the remote controls. When the Remote start runtime expires the engine shuts off, the **REMOTE START OFF** message is sent to the remote control and the countdown timer restarts. Smart Start is exited after the final start.

Note	The temperature and battery thresholds can be changed by an authorized Directed dealer if a higher or lower threshold is desired.

Temperature Reporting

During Remote start the vehicle interior is checked regularly for temperature changes. If a change in temperature is detected this report will be sent to the remote for display. Each time the remote receives this report it will beep, update, and display the newest temperature information using the Temperature Gauge icon.

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Note	Temperature report must be turned on by an authorized Directed dealer.

Remote Start Time-out Alert

During remote start a message is sent three minutes before and again at one minute before the engine turns off. The **RUNTIME LOW** text plays with tones as an alert to reset the runtime if desired.

Manual Transmission Start (MTS mode)

When installed into a manual transmission vehicle, the system requires that the MTS mode is properly set when parking. If MTS mode is not properly set or is defeated after being properly set the system will not start the engine and the **REMOTE START ERROR** text and tones play as an alert.

1. With the engine running, **set** the parking brake and leave the engine running. For Pit Stop or Turbo Timer mode (to leave the engine running after arming) **open** the driver door.
2. **Release** the foot brake (if pressed during Step 1), or **press** and **release** the foot brake anytime. As long as the engine is running there is no time limit to perform this step.
3. Within 20 seconds of foot brake release, **press** any command button on the remote, after 20 seconds return to Step 2 (For Turbo Timer Mode, press the optional dash mounted activation button or send the Timer Mode command from the Advanced Start menu screen).
4. The parking lights flash 5 times to confirm MTS mode enable and the remote start activates the ignition outputs. The **REMOTE START ON** text and beeps play to confirm.
5. **Turn** Off and **remove** the key from the ignition switch, the engine remains running.

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6. **Exit** the vehicle, **close** all the doors and **arm** the system.
7. The engine turns off and after a few seconds, the **REMOTE START OFF** message plays to confirm. If the door is opened in Step 3 then the engine continues to run.

Turbo Timer Mode

The system keeps the engine running for the Turbo Timer runtime and can be activated by remote control or optional dash mounted activation button.

1. With the engine running, **set** the parking brake.
2. **Press** the optional dash mounted activation button or perform the Timer Mode command.
3. The parking lights turn on and the remote start activates the ignition outputs. The **REMOTE START ON** text and beeps play to confirm.
4. **Turn** Off and **remove** the key from the ignition switch, the engine remains running.
5. **Exit** the vehicle, **close** all the doors and **arm** the system.
6. The engine runs for the Turbo Mode runtime.

Note Turbo Timer must be turned on by an authorized Directed dealer.

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Remote Start Error

For user safety, the system must be properly configured or remote start will not activate. Refer to the table below for the screens and parking light flashes that will identify the configuration issue and resolution.

Flashes *	Possible Fault	Solution
5	Brake on	Release foot brake
6	Hood open	Close hood
7	After performing Remote Start command - MTS not enabled	Enable MTS mode
	After performing Timer Start or Smart Start command	Check all Solutions
8	Toggle Switch off	Turn switch on
None	Alarm is triggered	Disarm or reset alarm

* Refers to the number of parking light flashes.

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Passive Arming*

Park and exit the vehicle, after the doors are closed the Passive arming countdown begins. The led flashes quickly and upon reaching 20 seconds the siren then chirps once. At 30 seconds the system arms itself.

Anytime before the system arms you can re-enter the vehicle or open the trunk to load or unload items and, after closing passive arming resumes.

To stay secure in case of accidental disarming the system, if a door is not opened within 30 seconds the system re-arms itself and locks the doors.

Auto Re-arming*

Auto re-arm ensures the vehicle stays protected if it is not entered after disarming by remote control. After disarming by remote, the alarm automatically re-arms itself (and locks the doors if programmed on) in 30 seconds. Open any point of entry to stop the re-arm until the next disarm by remote.

Onetime Bypass*

Turn the ignition On for one to three seconds and then Off. The siren chirps once to confirm one-time bypass is enabled.

One-time bypass can be used to temporarily bypass the Passive arming operation for one cycle. It also bypasses the comfort closure and auxiliary channel outputs programmed to activate when arming. After the next disarm all operations return to normal.

* These features must be turned on by an authorized Directed dealer.

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Valet Mode

Valet mode can be entered and exited by performing the Remote Valet command or manually using the vehicle key and the control button. When entered, the alarm functions are defeated while the convenience features still operate normally.

Arm and Disarm commands lock and unlock the doors while the **VALET** text and beeps play to confirm.

Use the following steps to manually enter and exit Valet Mode:

1. **Turn** the ignition switch On and then Off
2. Immediately **press** and **release** the control button once
3. The control center LED turns On when entering and Off when exiting.

Power Save

To reduce power consumption the control center status LED modifies its output if the vehicle is parked for an extended period. If Armed the flashing is reduced after 24 hours. When Valet mode is On the LED will turn off 1 hour and will reset each time the ignition is turned off.

Rapid Resume

If power is ever disconnected by a mechanic or thief, the system will resume the state it was in at the time of disconnection, when power is reconnected.

Automatic Remote Updates

The system sends a silent message to all remote controls after any major action has occurred. When the remote receives this message it updates the status screen icons. This way all users are able to quickly review the system status just by accessing the status screen.

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Out of Range

Each time a command is performed the remote will expect a command confirmation from the system. If a command confirmation is not received the out-of-range icon ( ) and a fault tone will play as an alert.

No Remote Output

Occasionally when a command is performed the remote may not generate a command confirmation output or Out of Range output. This indicates that the system received the command but it was an incomplete command (e.g. Aux button pressed too short to activate the trunk release) or it was an illegal message (e.g. the command was corrupted due to local RF interference). These are temporary normal functions of the system and remote, perform the command again within 10 seconds to return to normal operation.

Feature not Available

The **NOT AVAILABLE** message is a generic one which varies in cause and solution depending upon the command used:

Command	Cause	Reason/Solution
Runtime Reset	Remote Start is Off	Only available when Remote Start is On
Sensor Bypass	System is not armed	Only available when system is armed
Defroster	Remote Start is Off. Not configured for this.	Only available when Remote Start is On. Only available when configured for Defroster control.

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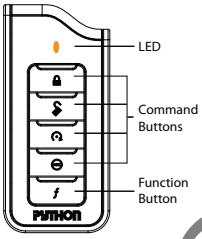
1-way Companion Remote Control



Level / Button	Direct Access	ƒ x 1 LEVEL 1	ƒ x 2 LEVEL 2	ƒ x 3 LEVEL 3	ƒ x 4 LEVEL 4
🔒	Arm/Lock (Panic)	Silent Arm	Sensor Bypass	Sensor Silent Arm	Full Silent Arm
🔑	Disarm/ Unlock	Silent Disarm	Remote Valet	Car Finder	
	Remote Start	Runtime Reset	Timer Start	Smart Start	Defogger
AUX	Aux/Trunk	AUX 1	AUX 2	AUX 3	AUX 4
ƒ	Not Used	Used to access function levels for Advanced Commands (ƒ with multiplier in top row implies button presses)			

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Using the 1 way companion remote

The companion 1 way remote commands the system features as shown in the previous table, but without the message display of the Responder LC remote. Siren chirps and parking light flashes are used to indicate that a command has been received and activated as described in the *Basic* and *Advanced command* sections.

Accessing Commands

Similar to the Responder LC remote, Basic commands are performed when a command button is pressed directly. To perform Advanced Commands **press** the **ƒ** button 1 to 4 times to access function levels, **ƒ** x4 in the table for example implies pressing **ƒ** 4 times. The LED flashes in groups for a few seconds to indicate the level. **Press** the desired command button while the LED is flashing to perform the command.

Button Auto Lock

When On, the remote control buttons lock if more than 20 seconds lapses between button presses. If a button is pressed when locked, a fault tone is emitted. To unlock the buttons; **press** the **ƒ** button followed by the 🔓 button, the buttons unlock and tones play to confirm.

Car Select

Car 2 must first be turned On (See *Remote Features menu* under *"Programming" on page 45* to turn on). **Press** and **hold** the **ƒ** button for 3 seconds. The remote flashes the LED and beeps once or twice to indicate the selected Car is 1 or 2, **release** the button for Car Select or continue to **hold** for programming.

Release the **ƒ** button, then **press** and **release** while the LED and beeps continue to perform Car Select. Once the car is selected a command can be performed by pressing one of the command buttons.

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Programming

To enter; **hold** the ƒ button for 8 seconds, the remote emits one long beep and turns the LED on, the programming main menu has been accessed.

To exit; **press** and **release** the ƒ button to go back and repeat to exit. 1 short and 1 long beep is emitted for each step back, the LED turns off when programming is exited.

Sensor Adjust

The button is used for sensor adjustment, to avoid unintended alarm triggers, it is recommenced that an authorized Directed dealer perform all sensor adjustments.

Remote Features menu

Press and **release** the button, 2 LED flashes and beeps indicate the remote features menu is accessed and can be set. **Press** buttons indicated below, 1 beep and flash turns the feature on, 2 beeps and flashes turns the feature off.

- Autolock feature: Press to turn on/off.
- Remote Beeps: Press to turn on/off.
- Car 2 feature: Press to turn on/off.

Remote Learning

Press the button, 3 LED flashes and beeps indicates the remote is ready to program to the system.

Per the instruction in *"Pair Remote:" on page 28* under the *Main Menu* section of this guide, following step 4 of *Prepare the vehicle system to be Paired with a new remote*. **Press** and **hold** the button, the siren emits one long chirp to confirm the remote has been learned.

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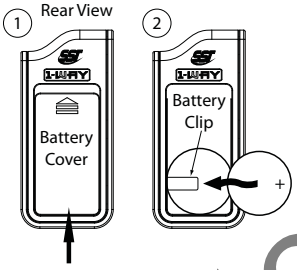
Battery Information (1-Way)

The 1way companion remote is powered by one 3V coin cell lithium battery (PN CR-2032) that will last approximately one year under normal use.

Battery Replacement



1. Slide the battery cover up by applying equal pressure at its top and bottom (the arrow on the cover indicates the direction), remove the cover from the remote control housing.

2. Gently pry up on the battery to remove it from the holder. Insert a new battery into the holder and under the clip with the positive (+) side up. Replace the battery cover. The remote control is now ready for use.

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System Expansion Options

Controlling two vehicles (Car Select)

The Responder LC and 1way companion remote can control systems in two different vehicles saving the need for multiple remote controls. This feature also allows for customized system configurations on each vehicle that has more than one driver. See *Owner Recognition* following for details.

Owner recognition

The system can be configured to recognize the remote used when disarming and change selected features to match the remote users preferences. Memory seat adjustment, siren chirps, passive arming, remote button auto unlocking, alarm output duration can all be custom set for each remote user at the time of installation.

Comfort closure

Comfort Closure emulates turning the key in the door cylinder or holding the lock button of an OEM keyless entry. It will automatically close the windows and sunroof on vehicles with this type of OEM convenience feature.

Alarm output duration

The length of time the siren sounds can be adjusted from 1 to 180 seconds at the time of installation.

Arming and Warn-away chirp control

The system Arm, Disarm and Sensor Warn-away chirps can be configured for those that prefer a custom silent alarm operation.

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Driver door priority unlocking

The door unlocking operation can be configured to emulate an OEM style of driver priority unlocking for added security during disarming.

Auxiliary Channels

The Auxiliary Channel outputs of this system can activate many of the convenience features found in today's vehicles. Once a command is performed to activate a convenience feature the Responder LC displays text that matches the feature. The system installer can clarify if any of the below listed features are compatible with your vehicle.

- Trunk release
- Widows open/close
- Left Sliding door open/close
- Right Sliding door open/close
- Rear Hatch open/close
- Sunroof open/close
- Audio system
- Headlights

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Battery Information (Responder LC)

The Responder LC remote control is powered by an internal rechargeable battery that can be serviced only through an authorized Directed Electronics dealer. The information and precautions in this section can help maximize your battery's life and usage in providing your Responder LC remote control with many years of trouble free operation. The battery information for the 1way companion remote control can be found in the *1-way Companion Remote Control* section of this manual.

Warnings! NEVER connect the supplied AC adapter to products other than the Responder LC remote control. It is a high current device designed specifically for rapid charging of the Responder LC battery and may cause severe damage or explosion when connected to any other products.

Charging the battery when the temperature is below 32°F (0°C) or above 113°F (45°C) may cause severe battery damage and/or reduce battery life. Avoid placing the remote control in areas exposed to extreme cold or heat (direct sunlight) when charging the battery.

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Low Battery

After a command is performed the Responder LC and 1way companion remote controls check their battery level and, when the level requires attention, will begin generating alerts. Once the alerts begin they will continue to command the system for several days but should

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be charged at the earliest opportunity or failure to control the system may occur.

Low Battery Alerts

When disarming the system using a remote with a low battery the siren will emit one additional chirp as an alert. If confirmation chirps are programmed off, the system will still emit one chirp as an alert when disarming. After performing a command, **LOWBAT** and several beeps play on the Responder LC remote to indicate the battery needs to be charged.

Important	To preserve power at critically low battery levels the Responder LC turns the pager off and stops receiving messages from the system. It will continue to command the system until the battery can be charged.

Battery Life

The Responder LC remote control has many features that make it one of the most unique remote controls on the market today, including superior long range communication with the system. The default feature settings provide for excellent battery charge duration. However, to maximize this duration between charges, the following suggestions will help:

- Turn the remote Off: When not in use and/or out of range of the vehicle the remote can be turned off in the Main menu.
- Turn Paging off: The remote will not wake up to check for messages with Paging off in the Setup Remote menu. Caution! The remote will not receive trigger messages from the system.
- Turn Beeps off: The Button beeps can be turned off in the Setup Remote menu. The command beeps still play normally.

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Battery Disposal

Directed Electronics cares about the environment. If you need to dispose of the battery, please do so in accordance with your municipal requirements for battery disposal.

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Glossary of Terms

Document Terminology	
Control Module	The "brain" of your system. Usually hidden underneath the dash area of the vehicle. It houses the microprocessor which monitors your vehicle and controls all of the system's functions.
Responder LC (2-way Remote Control)	A hand-held, remote control which operates the various functions of your system and receives messages and pages from the system.
Companion Remote (1-way Remote Control)	A hand-held, remote control which operates the various functions of your system but does not provide message display..
Control Center	The control center contains the system's radio-frequency antenna, the control button, and the Status LED. For maximum remote-control range, the control center is usually located at the top of the windshield, centered near the rear-view mirror.
Status LED	A light used to indicate the status of your system. It is located on your system's Control Center.
Control Button	A small push button located on your system's control center. It is used to override (disarm) the alarm when a remote is not available or to enter or exit Valet Mode.

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Patent Information

This product is covered by one or more of the following United States patents:

Remote Start Patents:
5,349,931; 5,872,519; 5,914,667; 5,952,933; 5,945,936; 5,990,786; 6,028,372; 6,467,448; 6,561,151; 7,191,053; 7,483,783

Vehicle Security Patents:
5,467,070; 5,532,670; 5,534,845; 5,563,576; 5,646,591; 5,650,774; 5,673,017; 5,712,638; 5,872,519; 5,914,667; 5,952,933; 5,945,936; 5,990,786; 6,028,505; 6,452,484

Other patents pending.

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Government Regulations

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Remote Controls

To satisfy FCC RF exposure compliance requirements, this device should be used in hand-held, hand operated configurations only. The device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance. This device is designed to be used in a person's hands and its operating configurations do not support normal transmissions while it is carried in pockets or holsters next to a person's body.

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To satisfy FCC RF exposure compliance requirements, the device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance.

This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interference to services authorized by IC. In addition, the user of this device must accept any radio interference that may be received, even if this interference could affect the operation of the device.

WARNING! Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

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Warning! Safety First

⚠ Please read the safety warnings below before proceeding. Improper use of the product may be dangerous or illegal.

Installation

Due to the complexity of this system, installation of this product must only be performed by an authorized Directed dealer. If you have any questions, ask your retailer or contact Directed directly at 1-800-753-0600.

Remote Start Capable

When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the installed menu wheel. It is the user's sole responsibility to properly handle and keep out of reach from children all remote control transmitters to assure that the system does not unintentionally remote start the vehicle. THE USER MUST INSTALL A CARBON MONOXIDE DETECTOR IN OR ABOUT THE LIVING AREA ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED. These precautions are the sole responsibility of the user.

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Manual Transmission Vehicles

Remote starters on manual transmission vehicles operate differently than those with automatic transmission because you must leave your car in neutral. You must read this Owner's Guide to familiarize yourself with the proper procedures regarding manual transmission remote starters. If you have any questions, ask your authorized Directed dealer or contact Directed at 1-800-753-0600.

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Before remote starting a manual transmission vehicle, be sure to:

- Leave the vehicle in neutral and be sure no one is standing in front or behind the vehicle.
- Only remote start on a flat surface
- Have the parking brake fully engaged

WARNING! It is the responsibility of the owner to ensure the parking/emergency brake properly functions. Failure to do so can result in personal injury or property damage. We recommend the owner have the parking / emergency brake system inspected and adjusted by a qualified automotive shop biannually.

Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized Directed dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the authorized Directed dealer to fix the problem.

After the remote start module has been installed, contact your authorized dealer to have him or her test the remote start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when performing the Neutral Safety Shutdown Circuit test, the remote start unit has not been properly installed. The remote start module must be removed or the installer must properly reinstall the remote start system so that the vehicle does not start in gear. All installations must be performed by an authorized Directed dealer.

OPERATION OF THE REMOTE START MODULE IF THE VEHICLE STARTS IN

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GEAR IS CONTRARY TO ITS INTENDED MODE OF OPERATION. OPERATING THE REMOTE START SYSTEM UNDER THESE CONDITIONS MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED Directed DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. DIRECTED WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

This product is designed for fuel injected vehicles only. Use of this product in a standard transmission vehicle must be in strict accordance with this guide.

This product should not be installed in any convertible vehicles, soft or hard top with a manual transmission. Installation in such vehicles may pose certain risk.

Interference

All radio devices are subject to interference which could affect proper performance.

Upgrades and Batteries

Any upgrades to this product and/or installation of batteries must be performed by an authorized dealer. Do not attempt to perform any unauthorized modifications to this product.

Water/Heat Resistance

This product is not designed to be water and/or heat-resistant. Please take care to keep this product dry and away from heat sources. Any damage from water or heat will void the warranty.

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Limited lifetime consumer warranty

Directed Electronics. ("Directed") promises to the original purchaser to repair or replace (at Directed's election) with a comparable reconditioned model any Directed unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during the lifetime of the vehicle provided the following conditions are met: the unit was purchased from an authorized Directed dealer, the unit was professionally installed and serviced by an authorized Directed dealer; the unit will be profession¬ally reinstalled in the vehicle in which it was originally installed by an authorized Directed dealer; and the unit is returned to Directed, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorized dealers name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number. All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. ALL PRODUCTS RECEIVED BY DIRECTED FOR WARRANTY REPAIR WITHOUT PROOF OF PURCHASE FROM AN AUTHORIZED DEALER WILL BE DENIED. This warranty is non-transferable and is automatically void if: the unit's date code or serial number is defaced, missing or altered; the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. Directed, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage. TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. DIRECTED SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT. DIRECTED IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR

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ANY CONSEQUENTIAL DAMAGES OF ANY KIND. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE UNIT. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGE TO VEHICLE, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE SUBJECT TO THE CONDITIONS AS DESCRIBED HEREIN. THIS WARRANTY IS VOID IF THE UNIT HAS NOT BEEN PURCHASED FROM DIRECTED, OR AN AUTHORIZED DIRECTED DEALER, OR IF THE UNIT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, ACTS OF GOD, NEGLECT, IMPROPER SERVICE, OR OTHER CAUSES NOT ARISING OUT OF DEFECT IN MATERIALS OR CONSTRUCTION.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights and you may also have other rights that vary from State to State.

This warranty is only valid for sale of product(s) within the United States of America and in Canada. Product(s) sold outside of the United States of America or Canada are sold "AS-IS" and shall have NO WARRANTY, express or implied.

For further details relating to warranty information of Directed products, please visit the support section of Directed's website at: www.directed.com

This product may be covered by a Guaranteed Protection Plan ("GPP"). See your authorized Directed dealer for details of the plan or call Directed Customer Service at 1-800-876-0800.

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